DATABASE SYSTEMS

Project Proposal

“Online Computer Store”

Introduction and a brief description of the project:

The motivation behind this project is to get into the huge local market of online computer stores to get our slice of the bread. Our aim is to deliver a trusted platform to the customers where they can purchase or get after sales services worry-free.

The Customer can login/register an account. The Customers can search for any required item. The Customer can add/remove one or more items to/from the shopping cart. The Customer provides necessary details and proceeds to select a payment method. After payment validation, the order details will be sent to the customer by email. The Customer can view order history with status. The Customer can review item(s) after successful delivery.

The Admin can manage vendor and the stock. The Admin can see customer information.

Functions and Features of our Project:

* Functional goals:
  1. Login/Register account for the customers.
  2. Search for required items.
  3. Purchase of item(s) logged in or as a guest.
  4. Show order history.
  5. Request refund or claim warranty.
  6. Customer reviews.
  7. Vendor inventory management.
* Quality goals:
  1. Responsive Website.
  2. Fast searching for products.
  3. User friendly UI.
  4. Minimum steps to make a purchase
* Other goals, e.g.: usability, portability, etc. (these goals, and what is specifically expected, should be clearly specified)
* Constraints (e.g.: environmental constraints, application specific standards, national standards, cultural relationships, etc.)
* Customers will be able to login/register an account.
* Customers will be  able to search any required item from the available stock.
* Customers will be able to purchase item(s) logged in or as a guest. Customers will be able to see their order history with proper status.
* Customers will be able to request a refund or claim warranty.
* Customers will be able to review item(s) on successful purchase.
* Vendor will be able to manage the inventory and handle the customer requests/orders.

Technologies to be used in the project:

1. Node JS + React JS (Optional)
2. HTML, CSS, JS
3. SQL / MYSQL

Group members and group leader:

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